No, thin-set mortar and tile should not be applied directly over a sealed concrete floor. Sealers act as bond-breakers, preventing the mortar from gripping the concrete, which leads to loose tiles and failed installations. The sealer must be completely removed, or a specialized mechanical prep and membrane must be used. Laticrete

Why Sealers Cause Failure

- **Blocked Adhesion:** Sealers create a protective, non-porous barrier that stops thin-set mortar from bonding to the concrete pores.
- **Delamination:** Without a direct chemical and physical bond to the slab, the mortar layer will eventually shear off the floor under foot traffic. Laticrete

How to Prepare Sealed Concrete for Tiling

- **Test the surface:** Drop water onto the floor. If it beads up, the sealer is active and must be addressed.
- **Remove the sealer:** Grind, scarify, or chemically strip the sealer off the concrete to expose bare, porous stone.
- **Alternative (Uncoupling Membrane):** If the sealer cannot be fully stripped, consult a manufacturer like Schluter Systems regarding specific primer and uncoupling membrane options, though complete sealer removal is the industry standard practice. Laticrete